

EPIDEMIOLOGICAL INFORMATION TECHNOLOGY SPECIALIST

RESOURCE CATEGORY	Medical and Public Health
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Epidemiological Information Technology Specialist provides information technology support for epidemiological responses
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (Epidemiological Response Team). 2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	SINGLE TYPE	NOTES
DESCRIPTION	The Epidemiological Information Technology Specialist: <ol style="list-style-type: none"> 1. Sets up and manages epidemiological hardware and software applications 2. Interfaces with laboratories and other sources of technical data for the epidemiological investigation 	Not Specified
EDUCATION	Bachelor's degree with formal education in information technology (IT)	Not Specified
TRAINING	Completion of the following: <ol style="list-style-type: none"> 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Basic Incident Command System for Initial Response, ICS-200 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. Training in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Materials Awareness 6. Training in accordance with OSHA 29 CFR Part 1910.134: Respiratory Protection 7. Training in accordance with OSHA 29 CFR Part 1910.1030: Bloodborne Pathogens 	Not Specified
EXPERIENCE	Knowledge, Skills, and Abilities: <ol style="list-style-type: none"> 1. Knowledge of public health databases 2. Ability to use software such as spreadsheets, word processing, databases, Geographic Information Systems (GIS), and Epi Info 3. Knowledge of working in clean and contaminated areas Experience: <ol style="list-style-type: none"> 1. Inputting and analyzing surveillance data in a public health setting 2. Using online public health databases, GIS, and additional epidemiologic or surveillance software, such as Epi Info 	Epi Info is a suite of public domain software tools the Center for Disease Control and Prevention (CDC) developed and provides on their website.

COMPONENT	SINGLE TYPE	NOTES
PHYSICAL/MEDICAL FITNESS	<ol style="list-style-type: none"> 1. Moderate 2. Is able to work while wearing appropriate personal protective equipment (PPE) 3. Maintains immunizations in accordance with the U.S. Department of Health and Human Services CDC's recommended adult immunization schedule for the United States of America 	<ol style="list-style-type: none"> 1. The NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions. 2. PPE is mission-specific and may vary by working environment, including protective footwear, protective clothing for skin exposures, eye and hearing protection, respirators, gloves, and masks.
CURRENCY	<ol style="list-style-type: none"> 1. Functions in this position during an operational incident, planned event, exercise, drill, or simulation at least once every two years 2. Immunizations up-to-date commensurate with mission assignment 3. Background checks as applicable law permits or requires 	Provider must carry out and use any background checks as applicable law specifies. This may include a background check completed within past 12 months; sex-offender registry check; and a local, state, and a local, state, and national criminal history.
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified



NOTES

Nationally typed resources represent the minimum criteria for the associated category.

REFERENCES

1. FEMA, NIMS 508: Epidemiological Response Team
2. FEMA, National Incident Management System (NIMS), October 2017
3. FEMA, NIMS Guideline for the National Qualification System, November 2017
4. Centers for Disease Control and Prevention (CDC), Immunization Recommendations for Disaster Responders
5. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulation (CFR) Part 1910.120: Hazardous Materials Awareness, latest edition adopted
6. OSHA 29 CFR Part 1910.134: Respiratory Protection, latest edition adopted
7. OSHA 29 CFR Part 1910.1030: Bloodborne Pathogens, latest edition adopted